

April 26, 2004

STATEMENT OF WORK

Watering Facility (614)

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in practice standard have been met and are compatible with planned and applied practices
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits to be obtained by the client
 - c. Compliance with NRCS national and state utility safety policy ([NEM Part 503, Safety, 503.00 through 503.22](#))
 - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Capacity
 - ii. Materials
 - iii. Components
 - i. Climatic Considerations (e.g. freezing)
2. Written plans and specifications, including sketches and drawings, and applicable Guide Sheets shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Operation and maintenance plan
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations [\[NEM Part 505, Non-NRCS Engineering, 505.03 \(b\) \(2\)\]](#).
5. Design modifications during installation as required

INSTALLATION

Deliverables

1. Pre-installation conference with client and contractor which includes information on minimizing erosion and controlling sediment during construction.
2. Verification that client has obtained required permits
3. Staking and layout according to plans and specifications including applicable layout notes
4. Installation inspection
 - a. Actual materials used
 - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
7. Certification that the installation process and materials meets design and permit requirements [\[NEM Part 505, Non-NRCS Engineering, 505.03 \(c\) \(1\)\]](#).

CHECK OUT

Deliverables

1. As-built documentation
 - a. Extent of practice units applied
 - b. Drawings
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits
3. Progress reporting

April 26, 2004

STATEMENT OF WORK

Watering Facility (614)

REFERENCES

- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Conservation Practice Standard – Watering Facility, 614.](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Watering Facilities \(for livestock\), AL614](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Heavy Use Area Protection, AL561](#)
- [National Engineering Manual \(NEM\)](#)
- [NRCS National Environmental Compliance Handbook](#)
- [NRCS Cultural Resources Handbook](#)

CONTACT INFORMATION

Mac Nelson
State Conservation Engineer
334-887-4555
Marshall.Nelson@al.usda.gov